

66031US1 Sequence listing
SEQUENCE LISTING

<110> Johnson & Johnson Research Pty Ltd

<120> Method for Detection of Alkylated Cytosine in DNA

<130> 30658208

<140> PCT/AU2004/000900

<141> 2004-07-05

<160> 15

<170> PatentIn version 3.4

<210> 1

<211> 80

<212> DNA

<213> Artificial

<223> Oligonucleotide Ecad80

<400> 1

cgctgctgat tggctgtggc cggcaggtga accctcagcc aatcagcggc acggggggcg 60

gtgctccggg gctcacctgg 80

<210> 2

<211> 27

<212> DNA

<213> Artificial

<223> Oligonucleotide AA1

<400> 2

tgttttgggt gtgtatggtt tgggtgt 27

<210> 3

<211> 27

<212> DNA

<213> Artificial

<223> Oligonucleotide AA2

<400> 3

acacccaac catacacacc caaaaca 27

<210> 4

<211> 80

<212> DNA

<213> Artificial

<223> Oligonucleotide Ecad80M3

<221> misc_feature

<222> (21)..(21)

<223> n is 5'-methylcytosine

<221> misc_feature

<222> (47)..(47)

<223> n is 5'-methylcytosine

<221> misc_feature

<222> (52)..(52)

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<223> n is 5'-methylcytosine

<400> 4
 cgctgctgat tggctgtggc nggcaggtga accctcagcc aatcagnggt anggggggcg 60
 gtgctccggg gctcacctgg 80

<210> 5
 <211> 36
 <212> DNA
 <213> Artificial
 <223> Oligonucleotide T1

<400> 5
 attatattta aatatataaa atatatatta ataaat 36

<210> 6
 <211> 36
 <212> DNA
 <213> Artificial
 <223> Oligonucleotide T1

<400> 6
 atttattaat atatatttta tatatttaaa tataat 36

<210> 7
 <211> 80
 <212> DNA
 <213> Artificial
 <223> Oligonucleotide antisense sequence of Ecad80(ASEcad80)

<400> 7
 ccaggtgagc cccggagcac cgcccccg accgctgatt ggctgagggt tcacctgccg 60
 gccacagcca atcagcagcg 80

<210> 8
 <211> 22
 <212> DNA
 <213> Artificial
 <223> Chemically synthesised looping probe DNA sequence LP10

<400> 8
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<210> 9
 <211> 23
 <212> DNA
 <213> Artificial
 <223> Chemically synthesised looping probe DNA sequence LP26

<400> 9
 gccccggagc gagggttcac ctg 23

<210> 10
 <211> 24
 <212> DNA

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<213> Artificial
 <223> Chemically synthesised looping probe DNA sequence LP26+1
 <400> 10
 gccccggagc ggagggttca cctg 24

<210> 11
 <211> 26
 <212> DNA
 <213> Artificial
 <223> Antisense oligonucleotide AS26
 <400> 11
 agccaatcag cggtacgggg ggcggt 26

<210> 12
 <211> 18
 <212> DNA
 <213> Artificial
 <223> Substrate
 <221> misc_feature
 <222> (6)..(6)
 <223> n is c or u
 <400> 12
 cggtangggg ggcggtgg 18

<210> 13
 <211> 9
 <212> DNA
 <213> Artificial
 <223> Primer
 <400> 13
 ccaccgccc 9

<210> 14
 <211> 4
 <212> DNA
 <213> Artificial or Homo sapiens
 <223> Activation Induced Cytidine Deaminase hot-spot sequence
 <221> r
 <222> (1)..(1)
 <223> r is a or g
 <221> y
 <222> (3)..(3)
 <223> y is c or t
 <221> w
 <222> (4)..(4)
 <223> w is a or t
 <400> 14
 rgyw 4

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<210> 15
<211> 18
<212> DNA
<213> Artificial
<223> Primer 3ECAD11b

<400> 15
agccccggag caccgccc

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